

FIG. 1

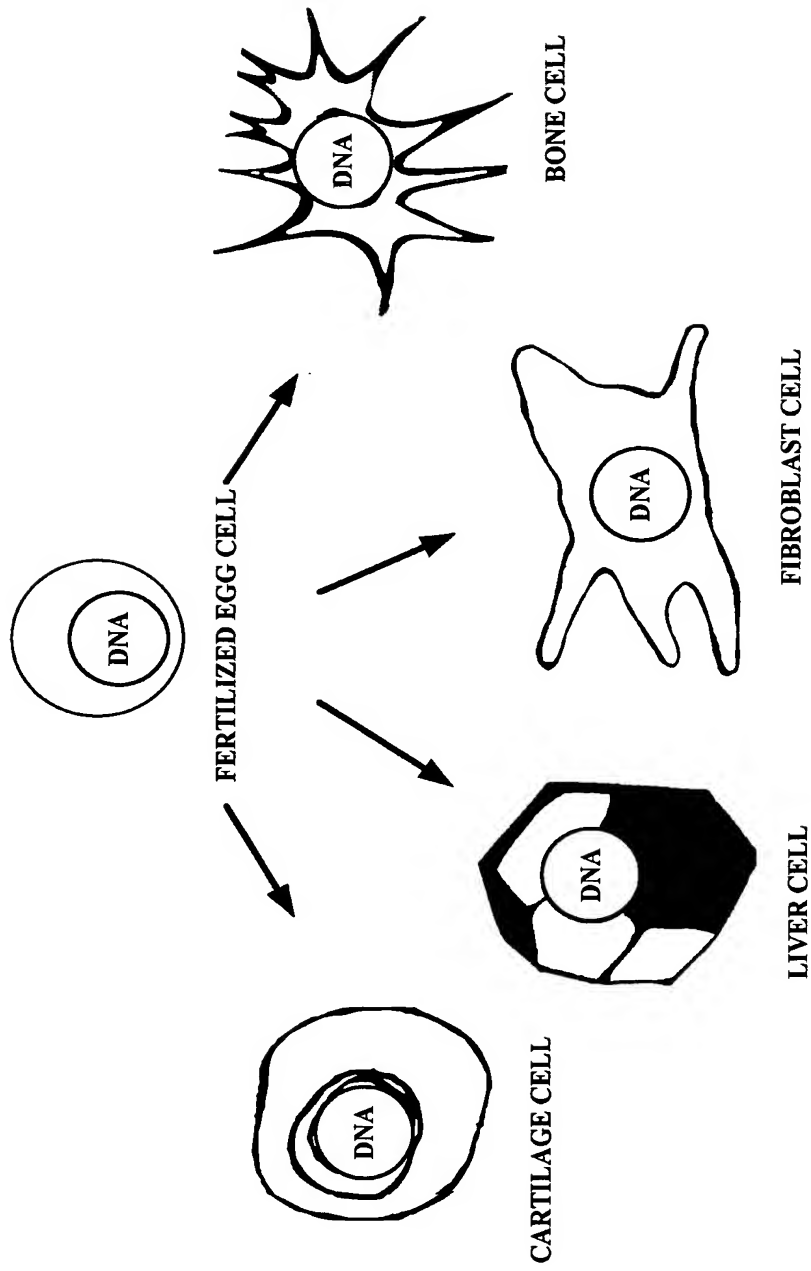


FIG. 2A

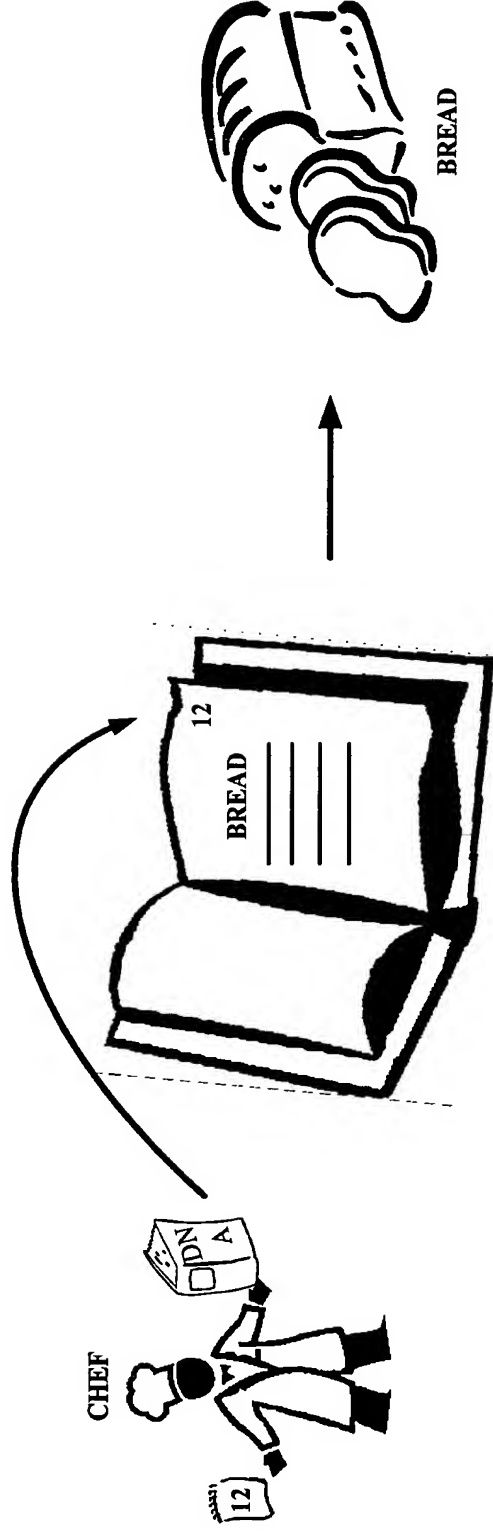


FIG. 2B

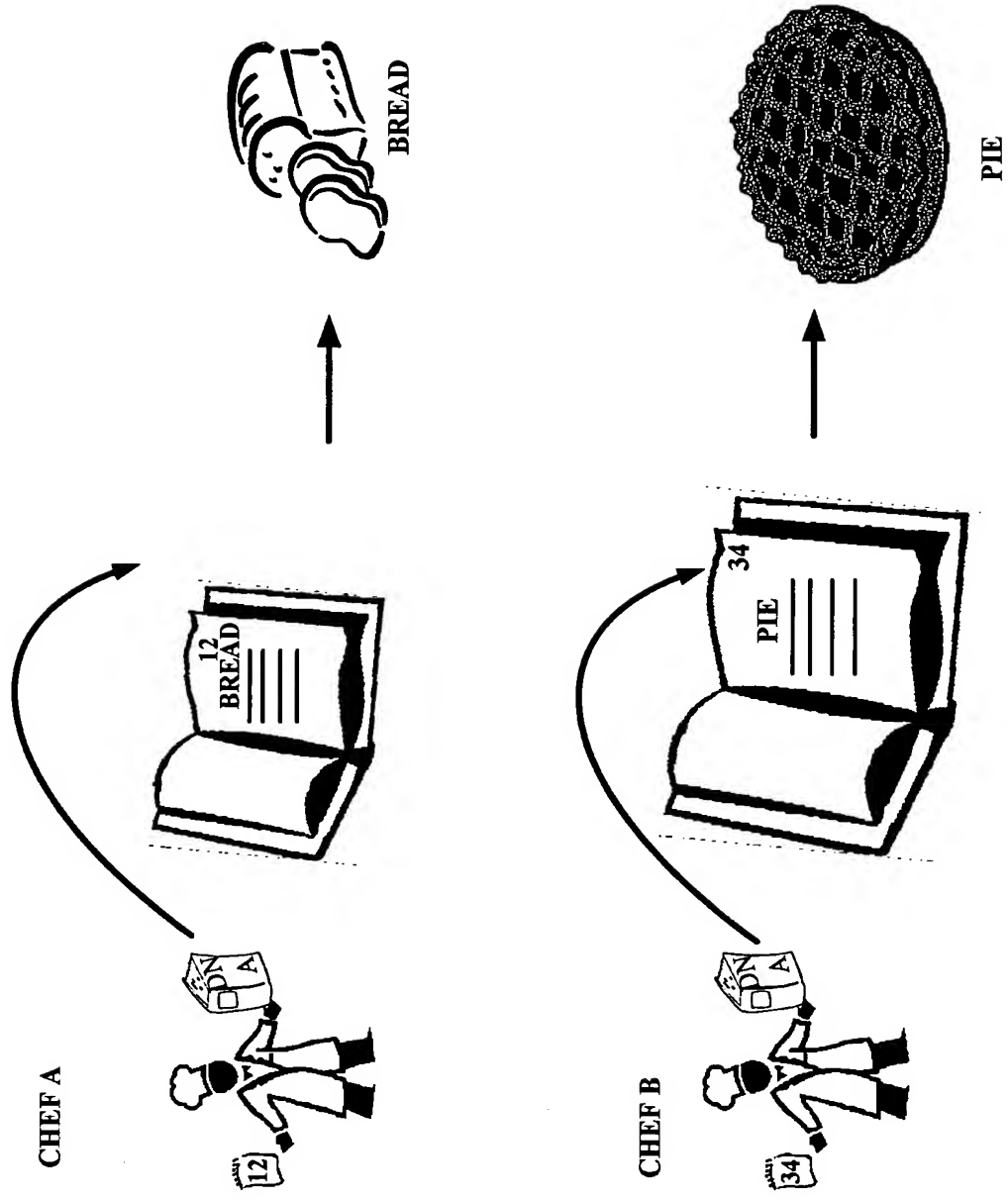


FIG. 3

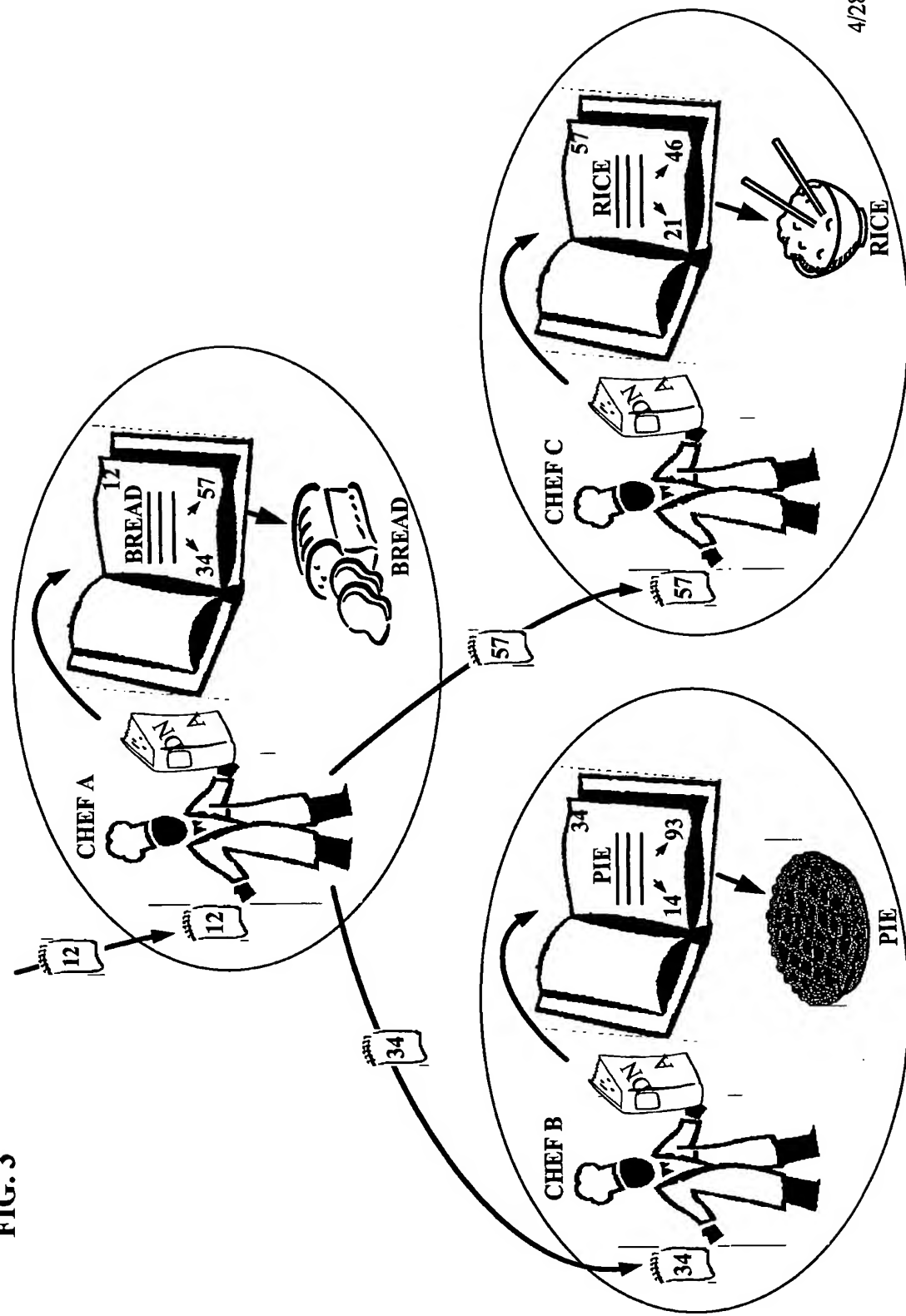


FIG. 4

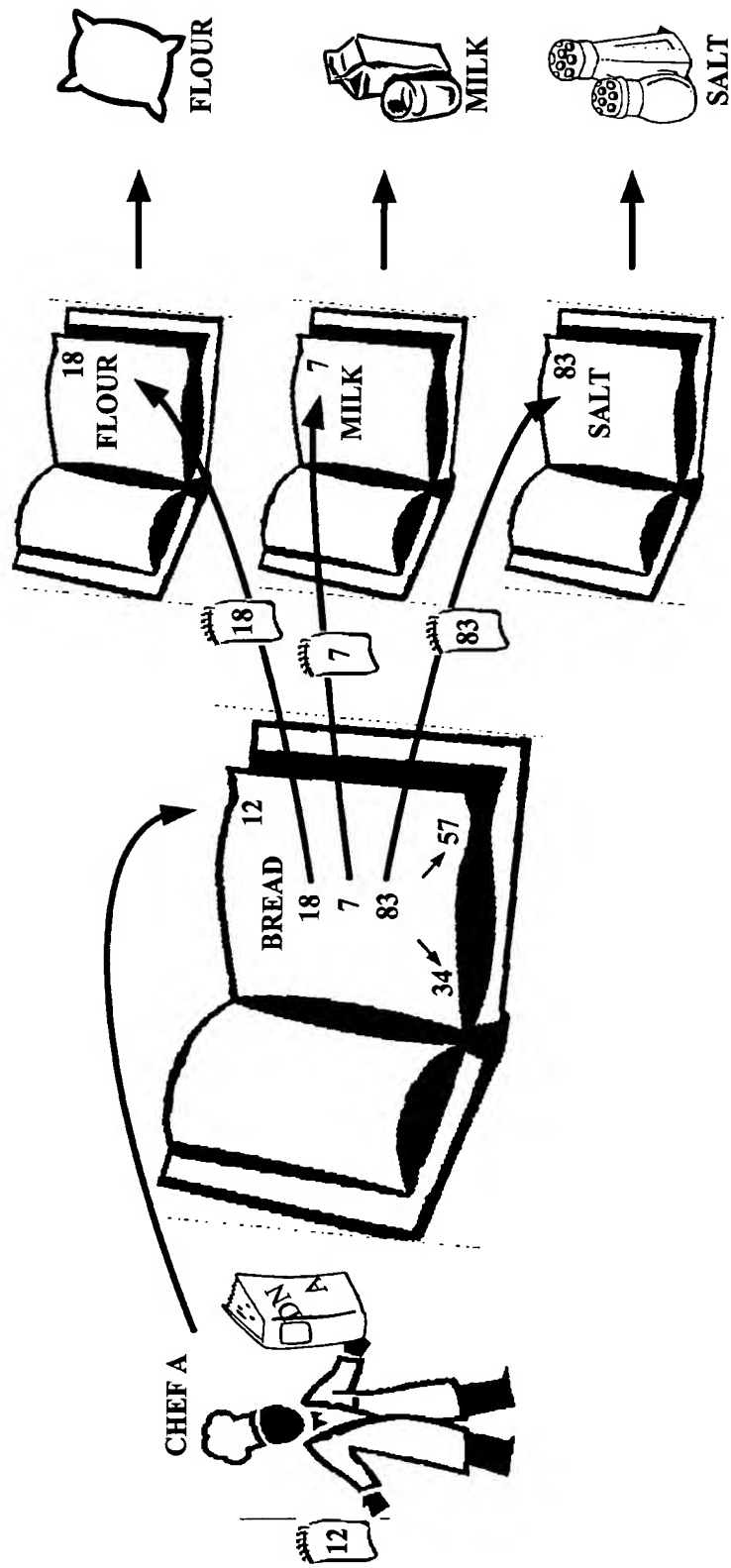
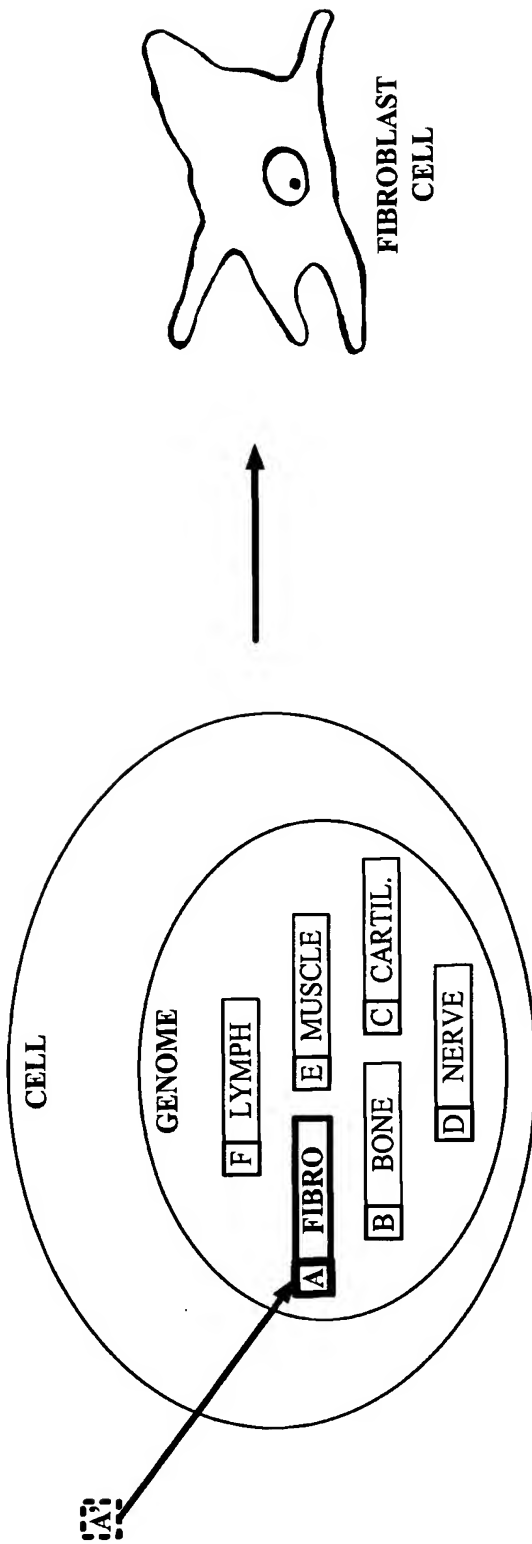
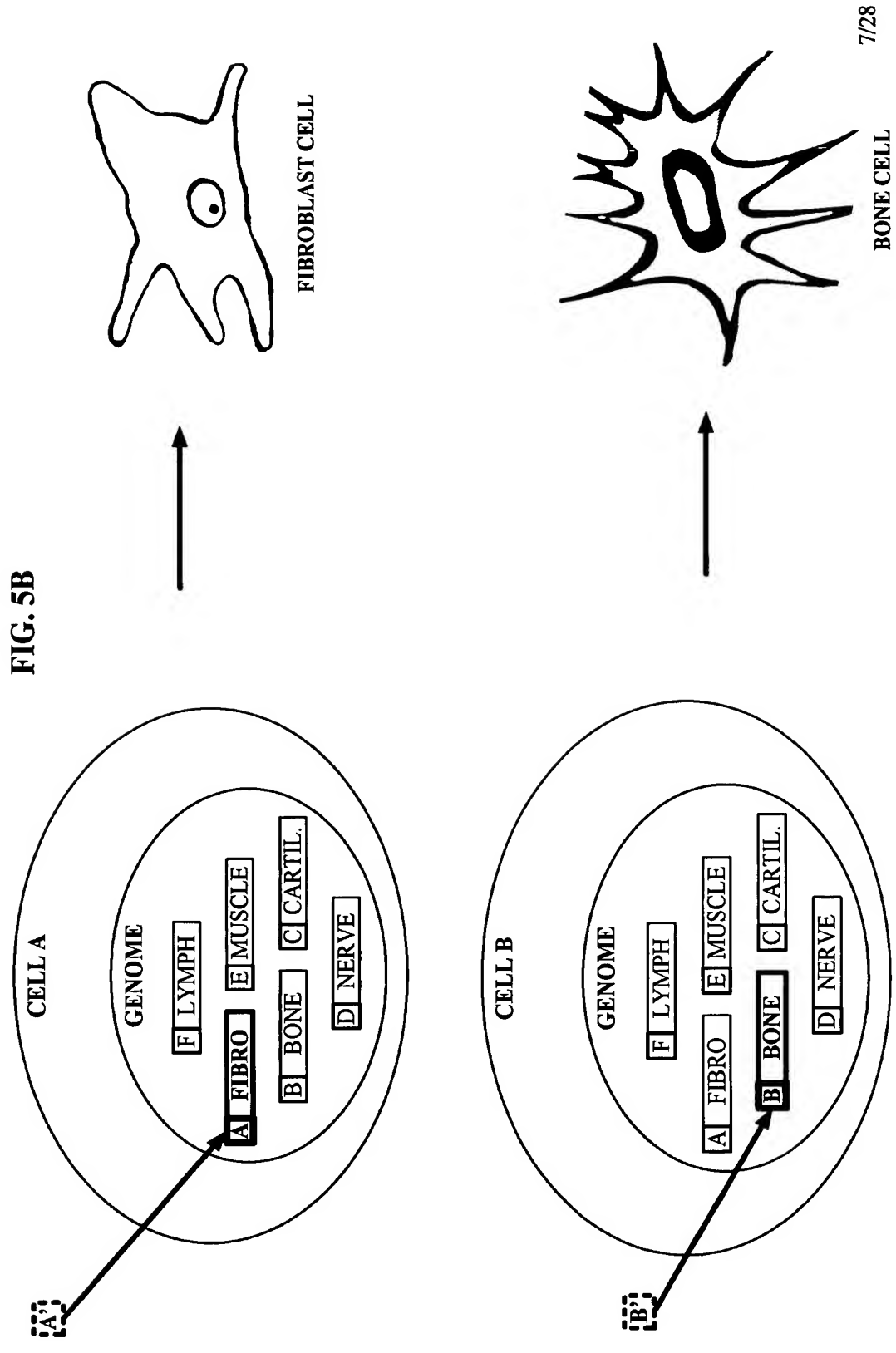


FIG. 5A





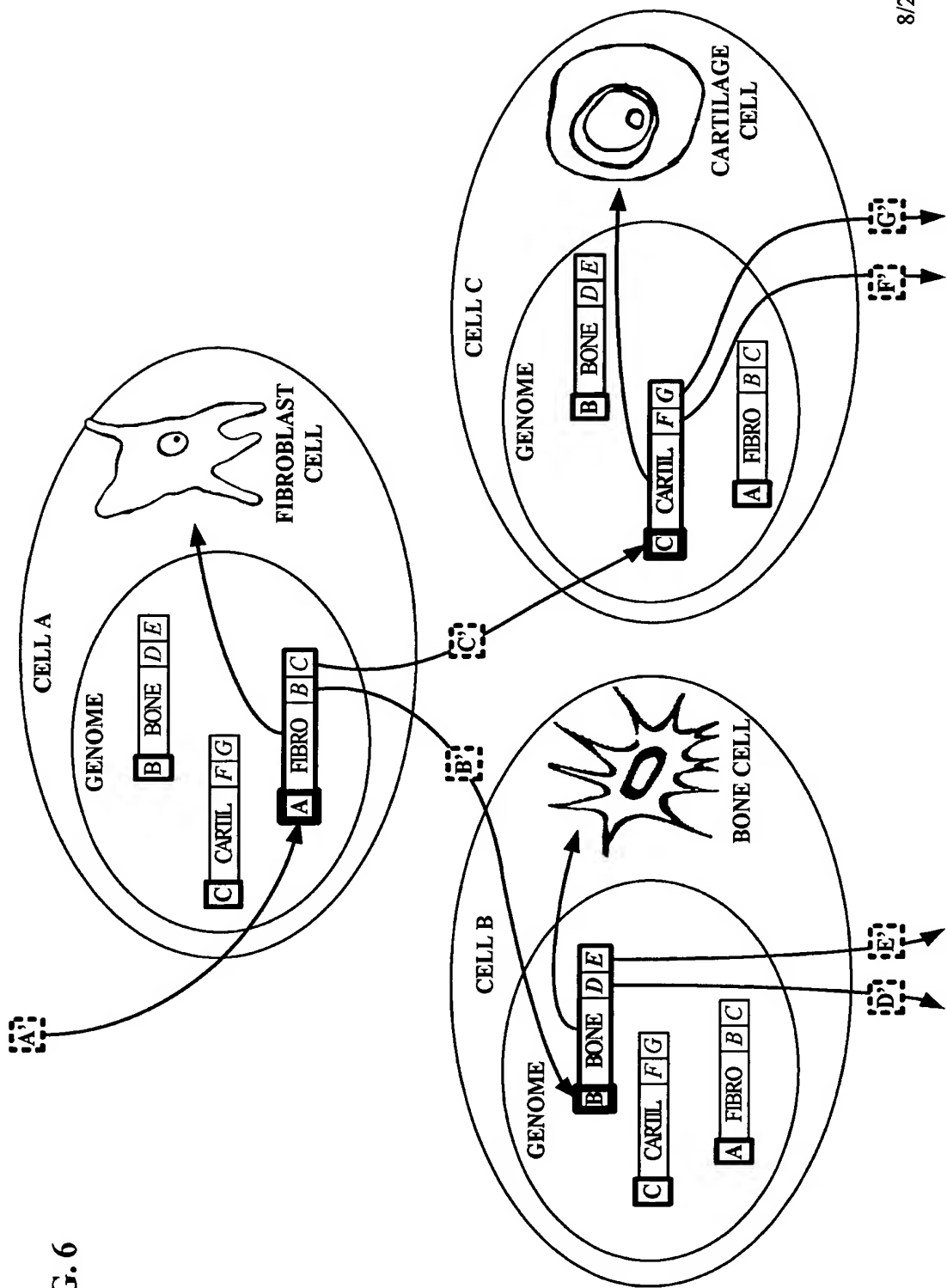
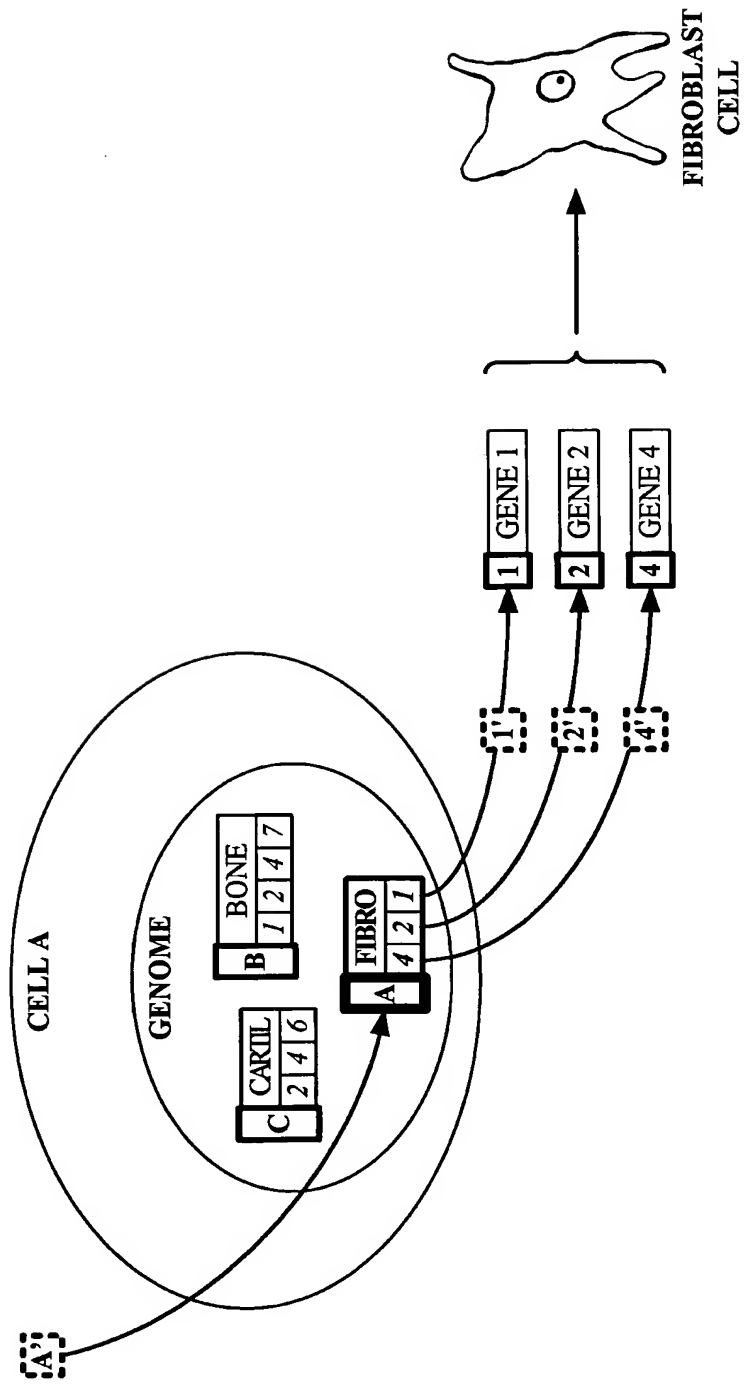


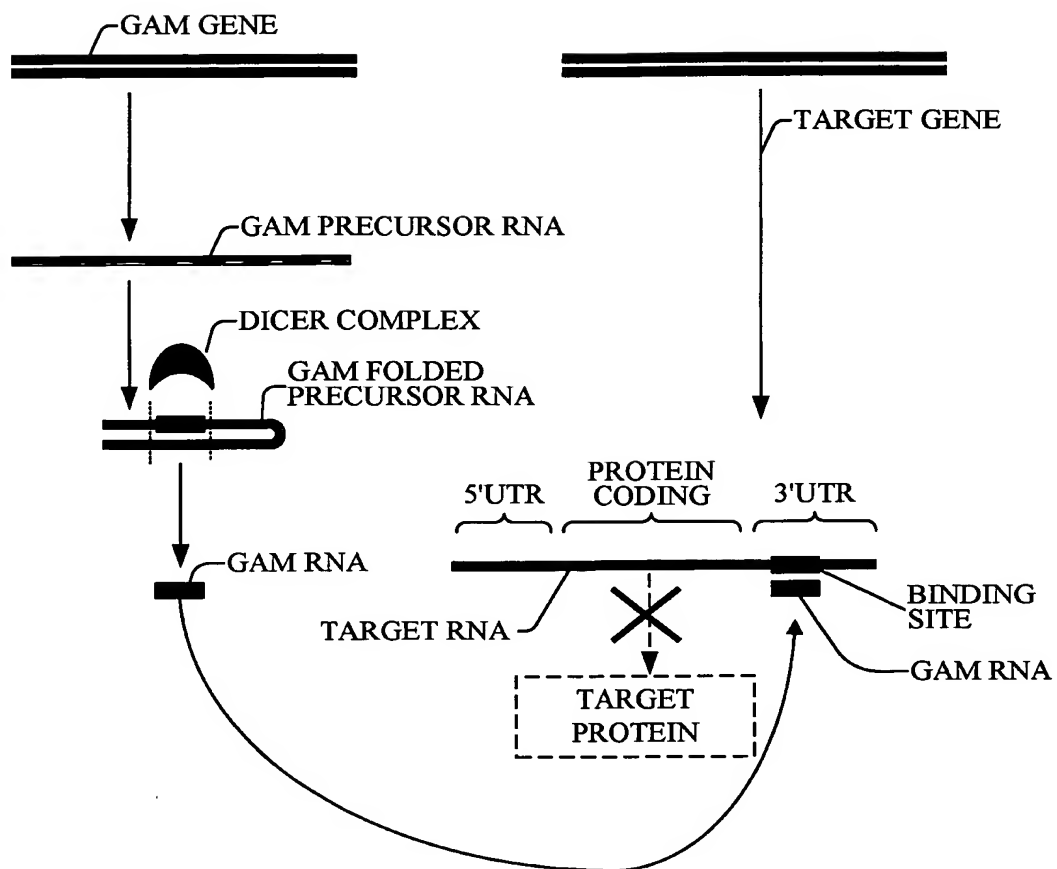
FIG. 6



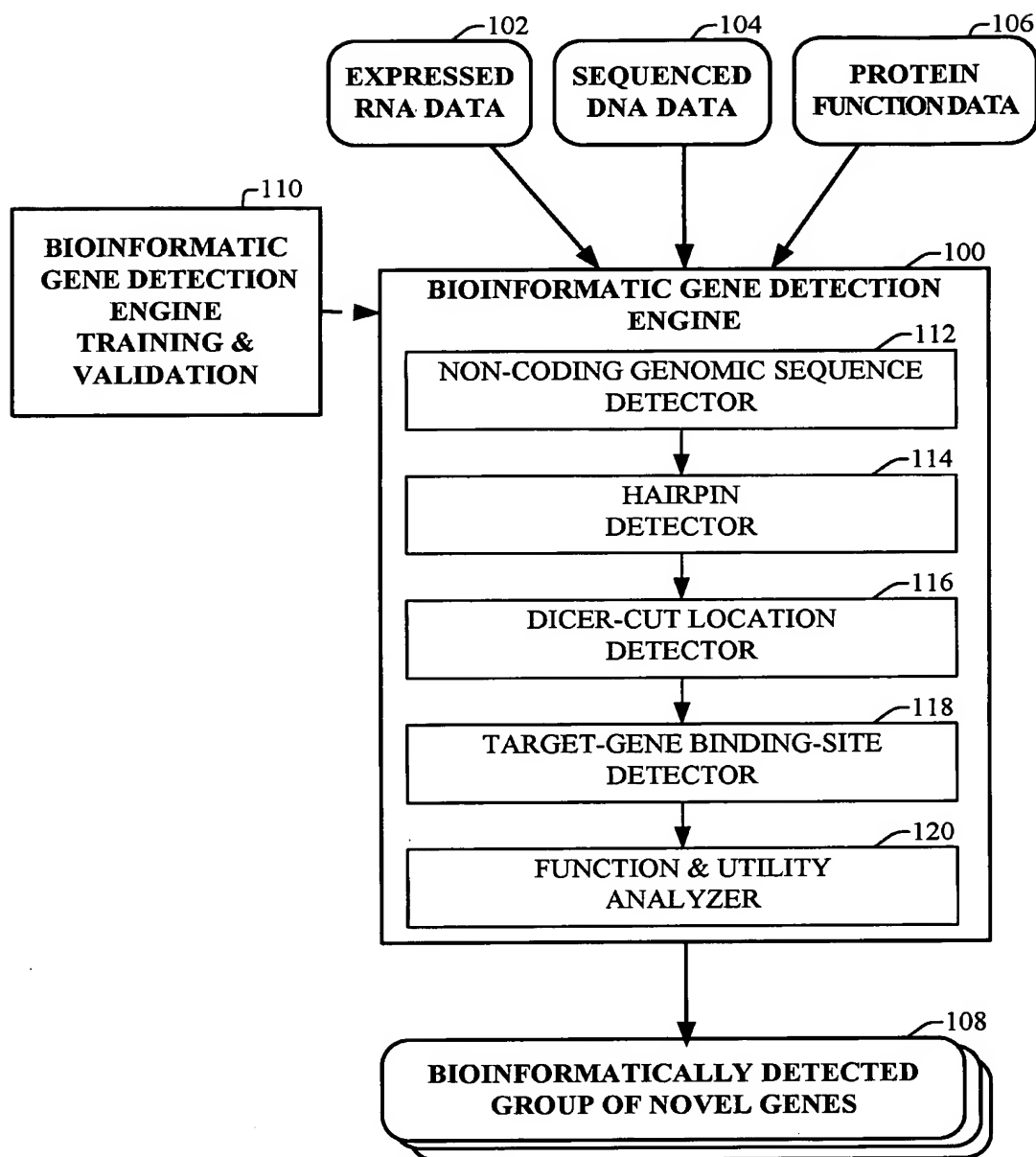
FIG. 7



**FIG. 8**



**FIG. 9**



**FIG. 10**

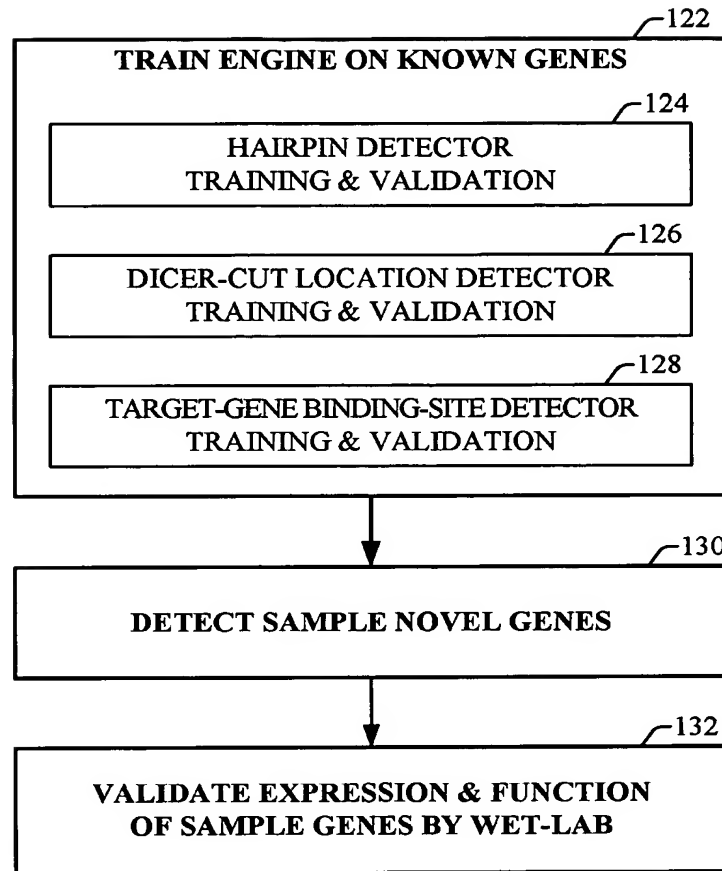


FIG. 11A

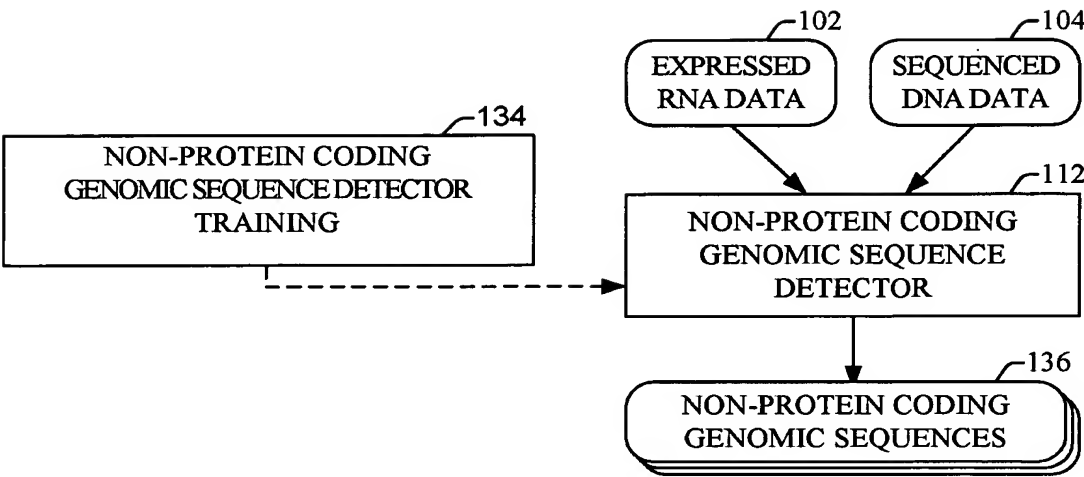
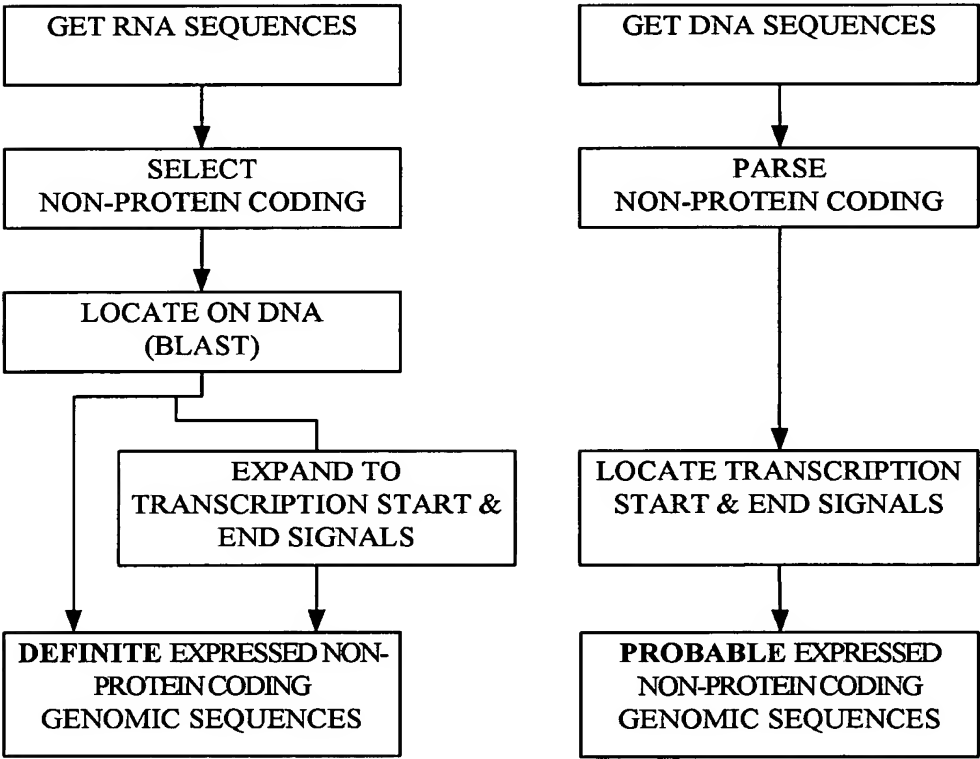
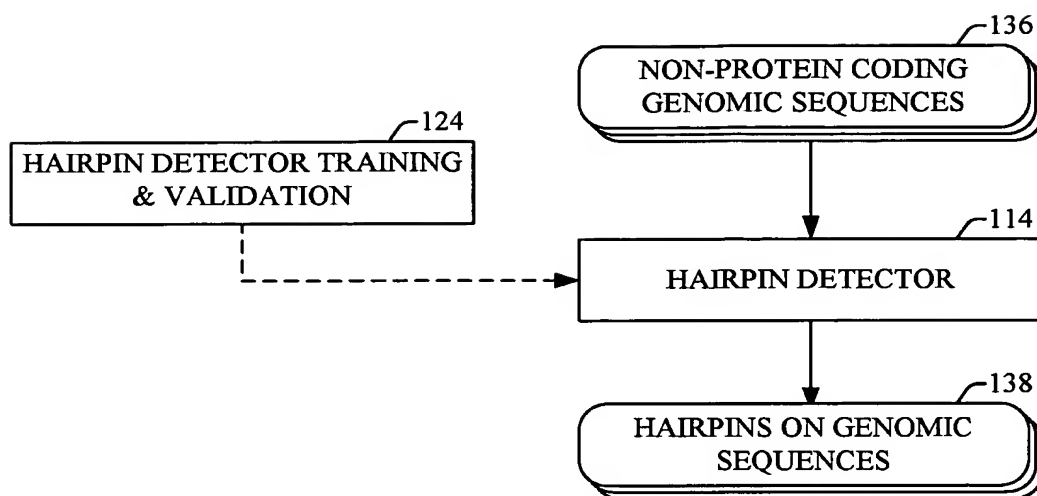


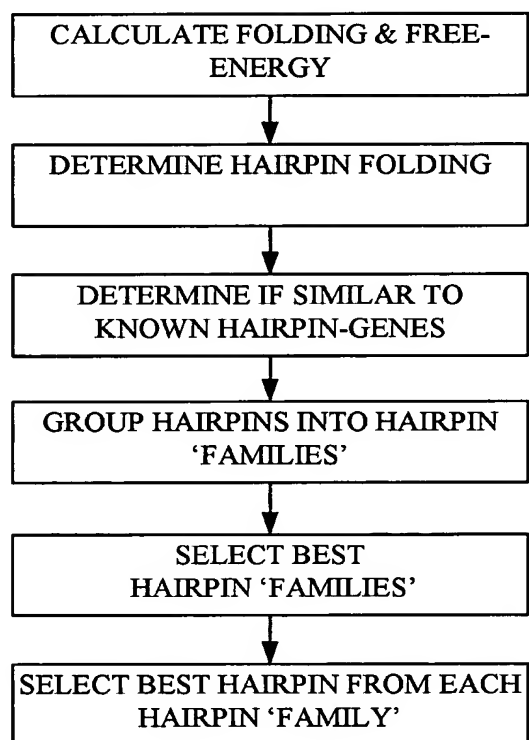
FIG. 11B



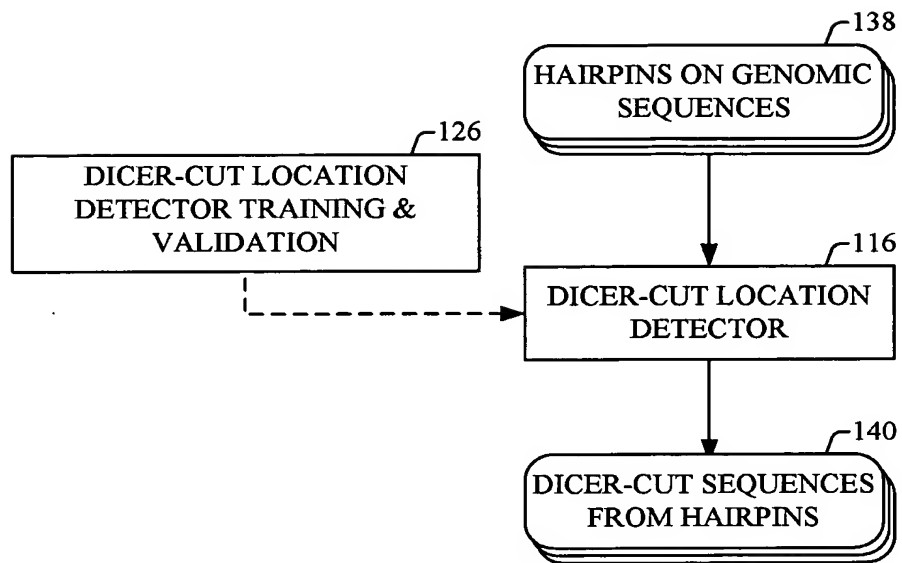
**FIG. 12A**



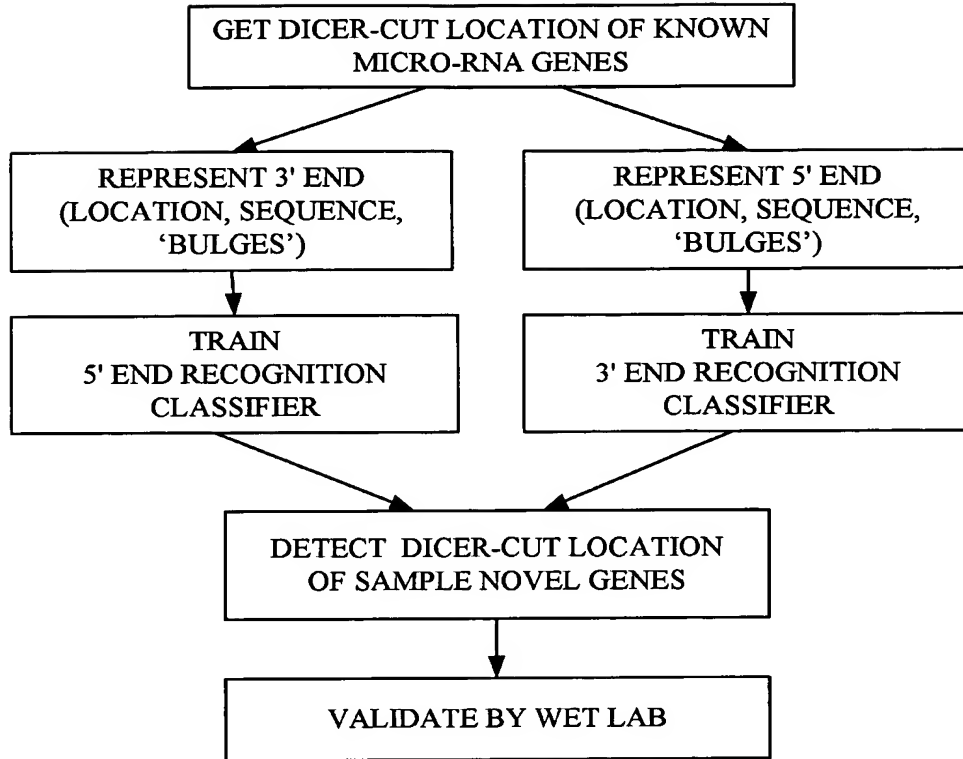
**FIG. 12B**



**FIG. 13A**

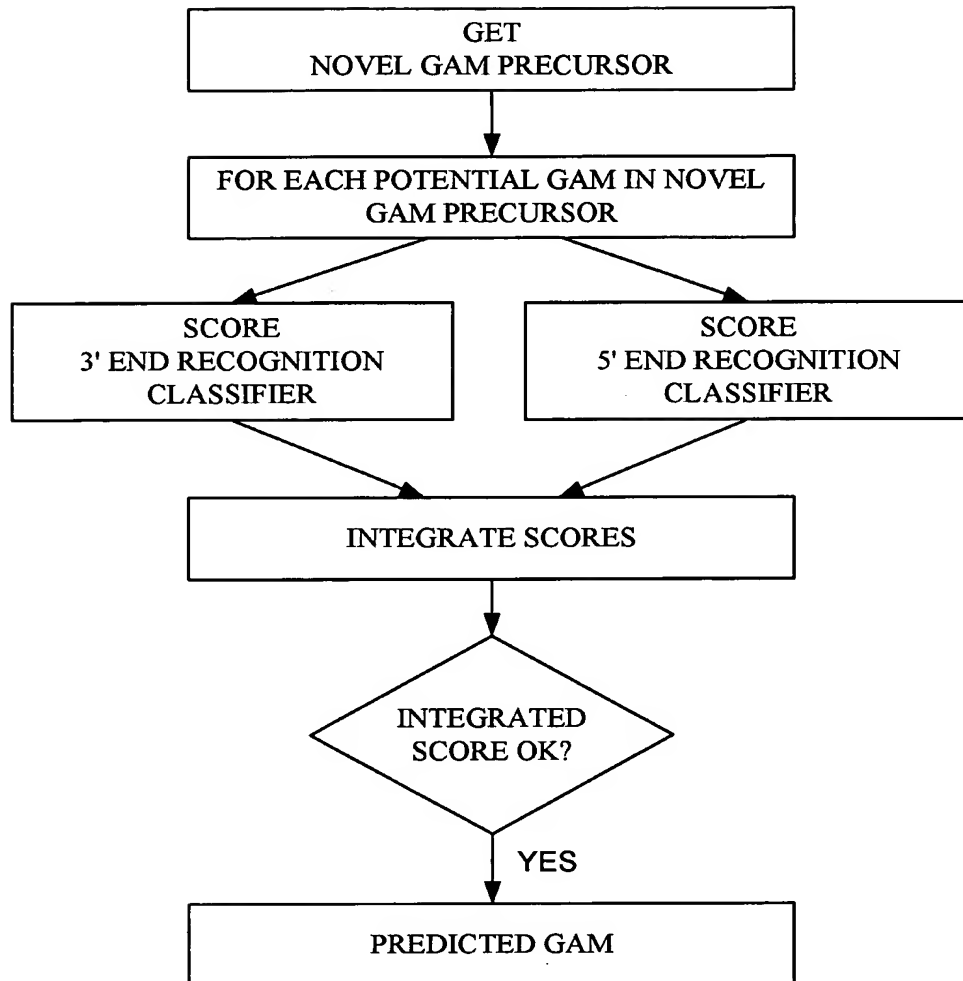


**FIG. 13B**

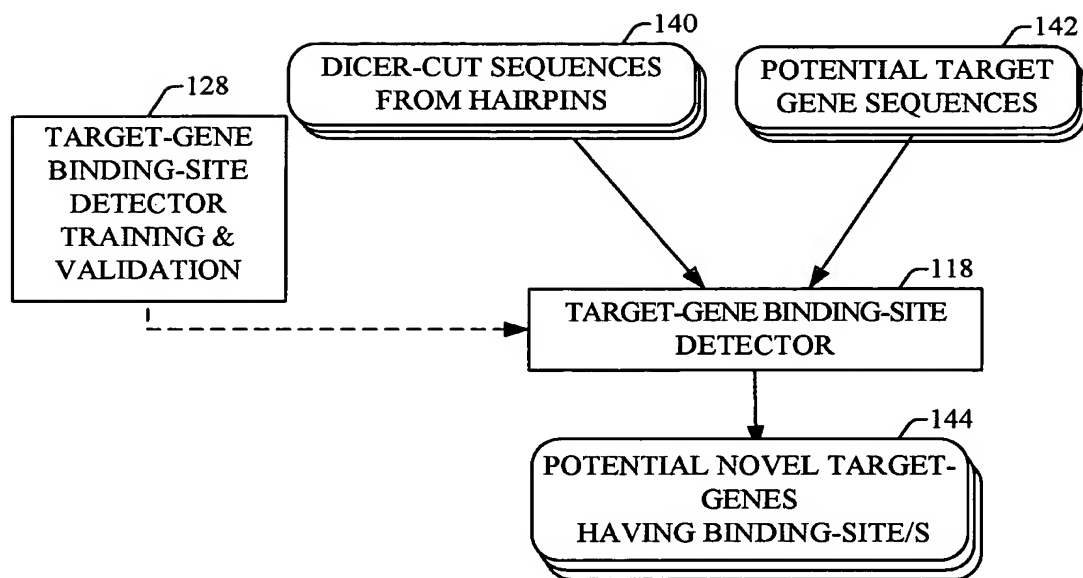




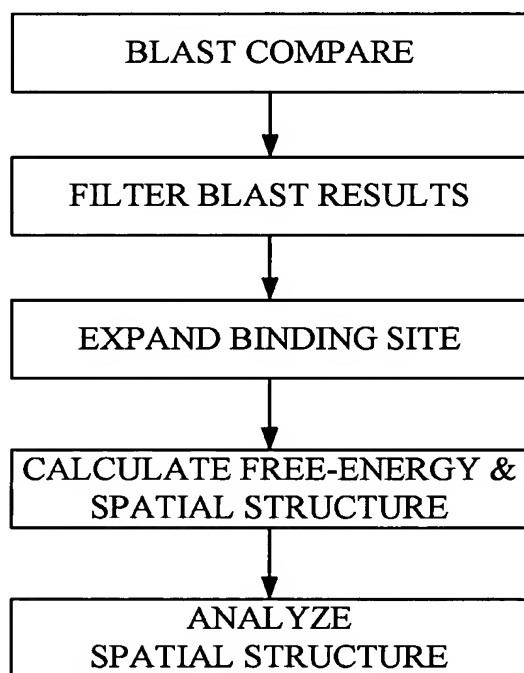
**FIG. 13C**



**FIG. 14A**



**FIG. 14B**



**FIG. 15**

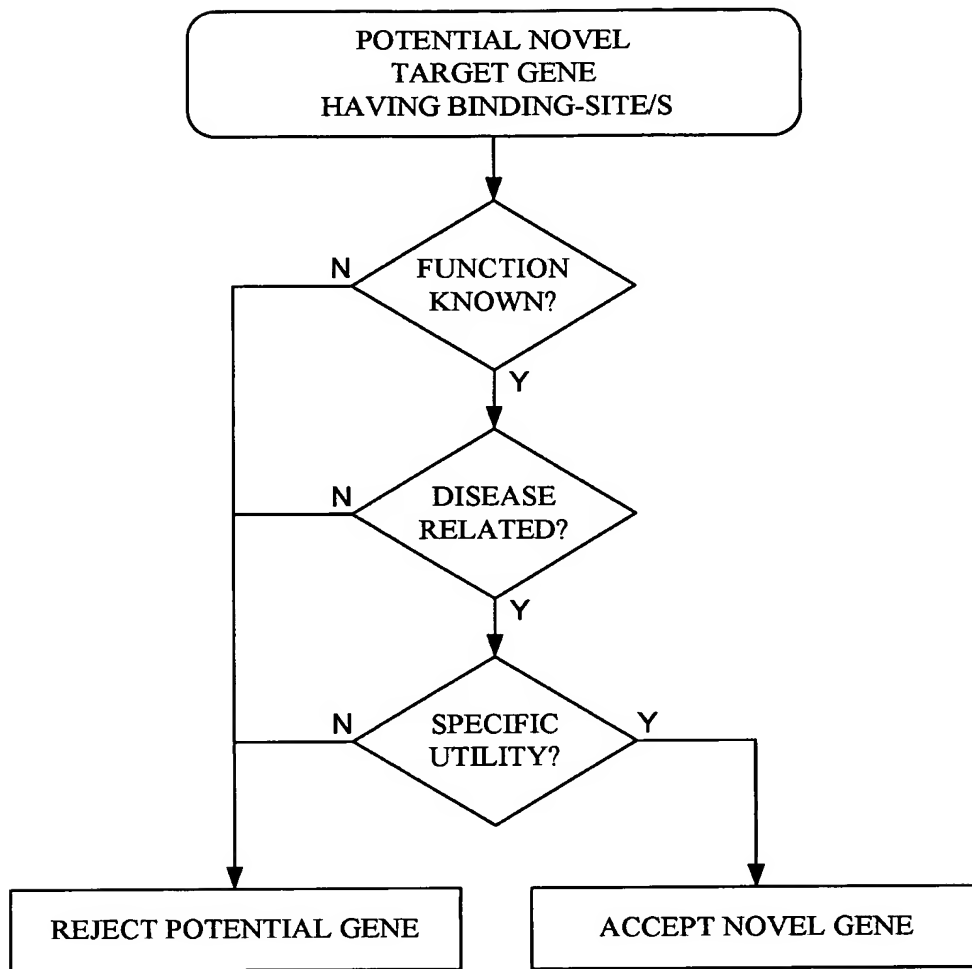


FIG. 16

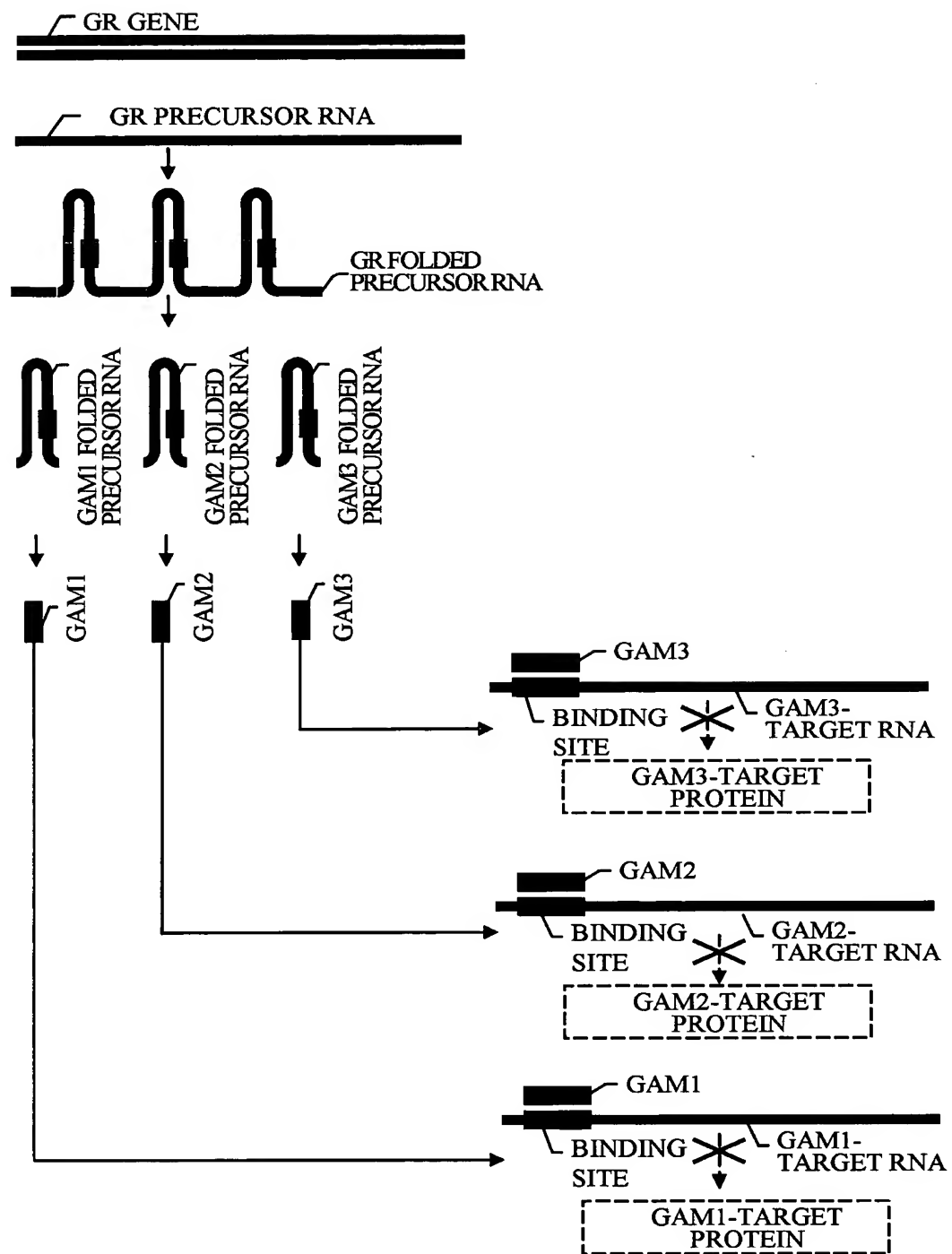
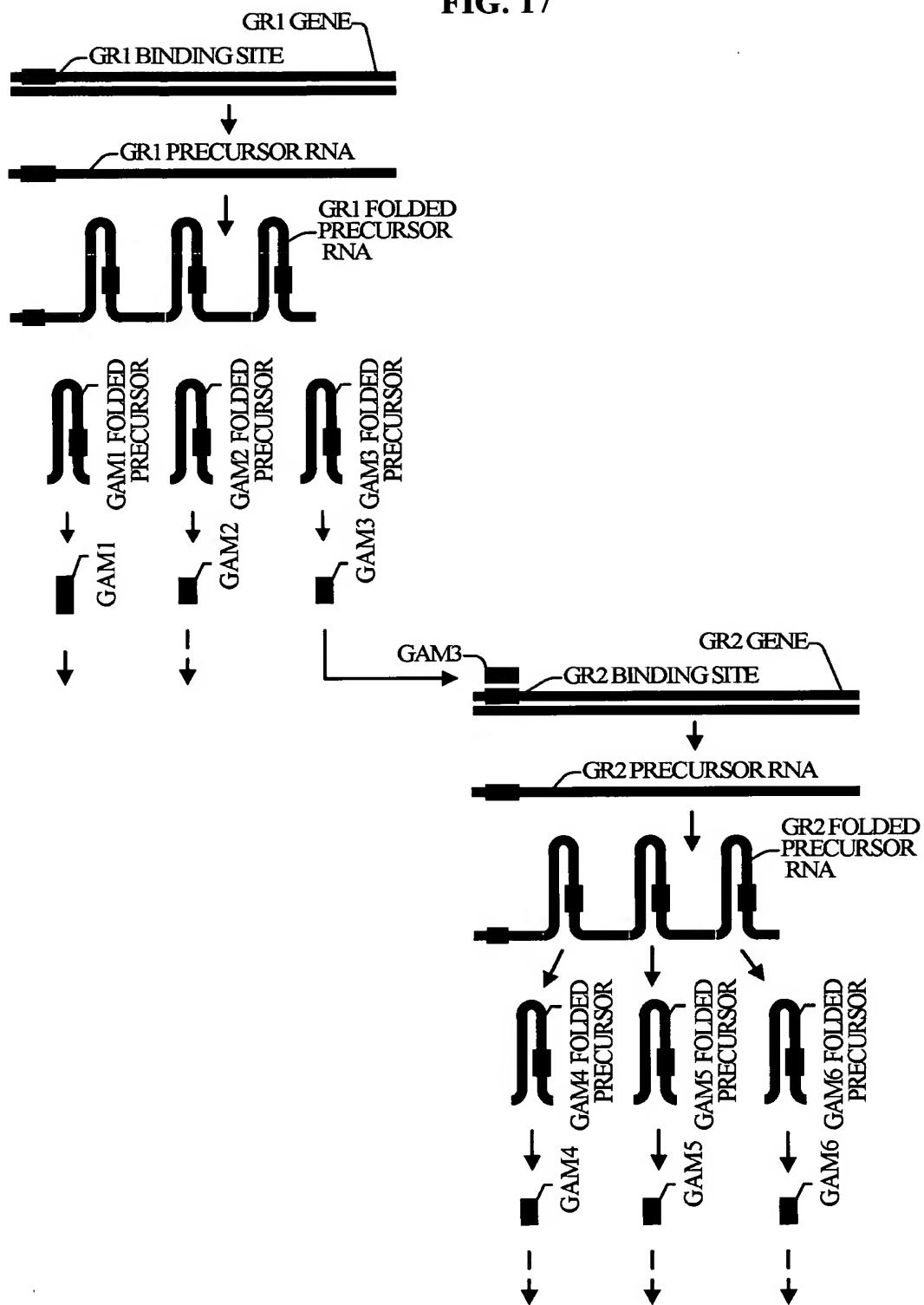
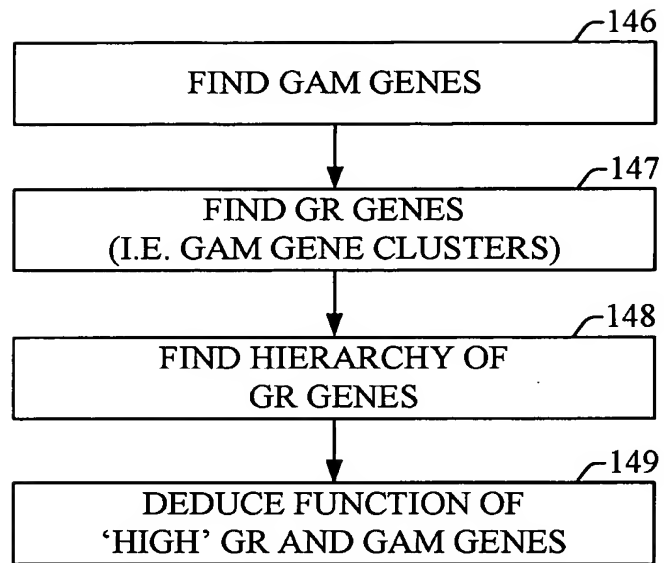


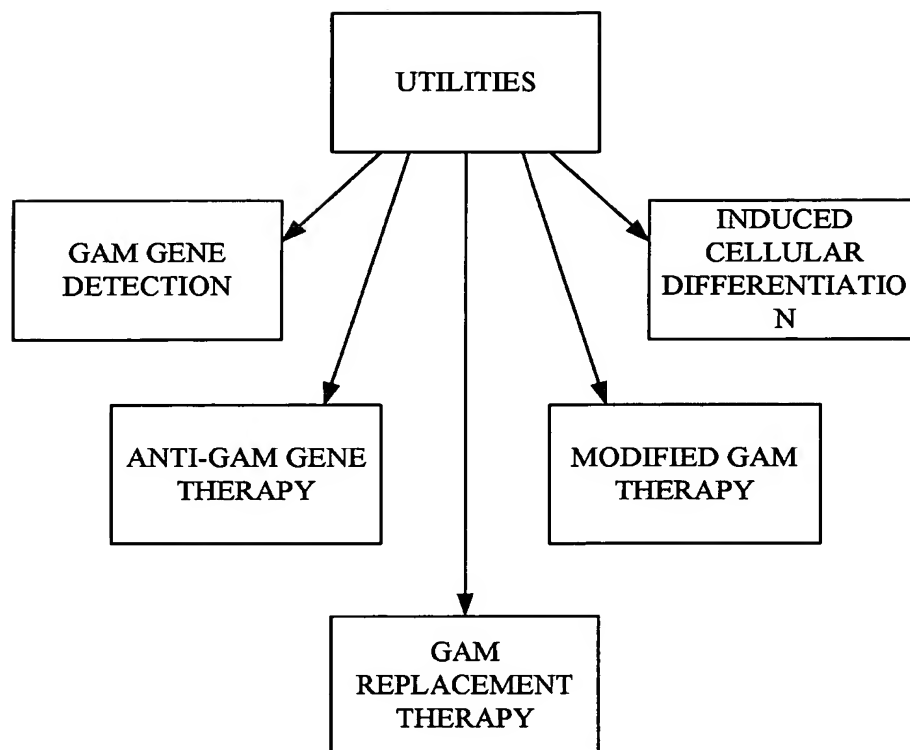
FIG. 17



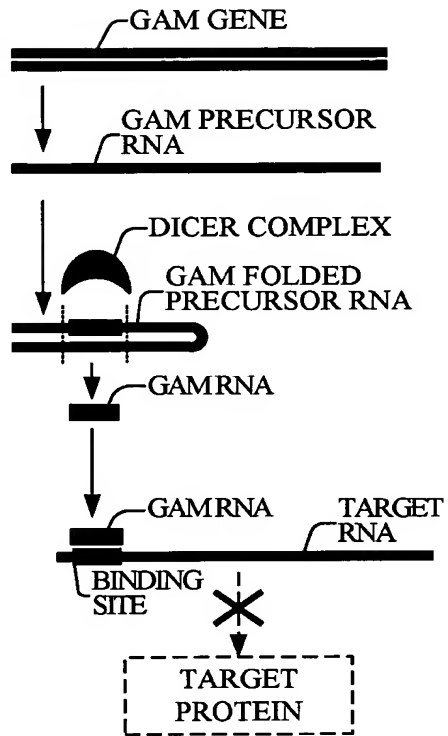
**FIG. 18**



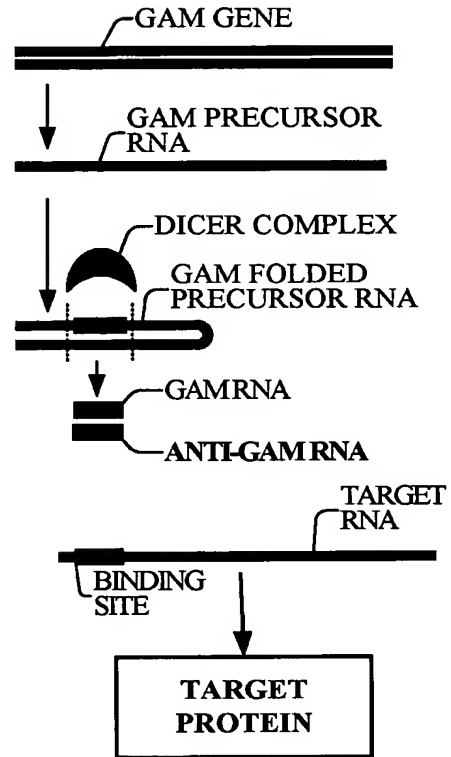
**FIG. 19**



**FIG. 20A**



**FIG. 20B**



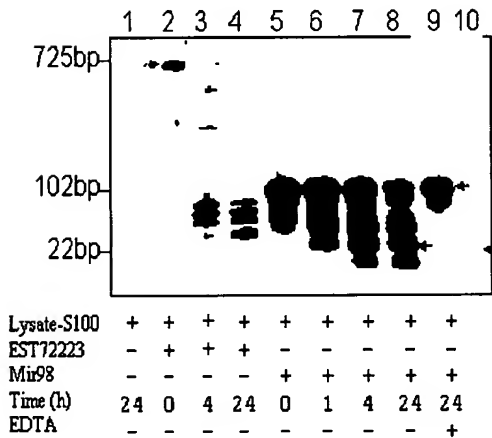


EST72223 sequence:

FIG. 21A

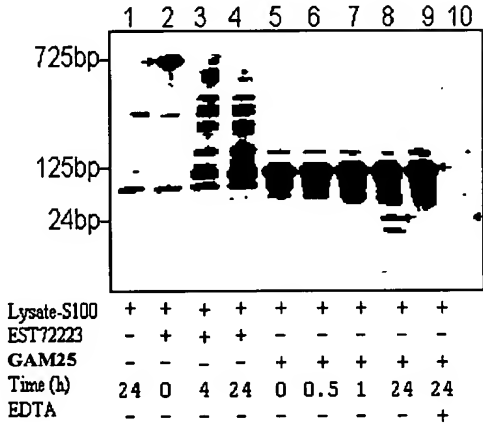
CCCTTATTAGAGGATTCTGCTCATGCCAGGGT**GAGGTAGTAAGTTGTATTG**  
**TTGTGGGGTAGGGATATTAGGCCCCAAATTAGAAGATAACTATACAAC** MIR98  
**TACTACTTTCCTGGTGTGTGGCATATTCACACTTAGTCTTAGCAGTGTTGCC**  
TCCATCAGACAAAGTTGTAGATGTTCTTGGATAATTTGGACTGGAAGAAAAGA  
GACATGGAAGGGGACAGATGGTGTTTAGGGTGAGGCAGATGTCATTATAAAGT  
GACTTGCTTTTCATTAATTGGAGCATATAATTATTTACCTTTGGGCATGAACCTC  
ATTTTGCTATTCTTCAACTGTGTAATGATTGCATTTTATTAGTAATAGAACAGGA  
ATGTGTGCAAGGGAATGGAAAGCATACTTTAAGAATTTTGGGCCAGGCGCGGT  
GGTTCATGCCTGTAATCCCAGCATTTTTGGGAGGCCGAGGCGGGTGGATCAC  
CTGAGGTCAGGAGTTCGAGACCAACCTGGCCAACACGGCGAAACCCCGCCTC  
TACTCAAATACAAAATTAGCCAGGCTTGGTGACACTCGCCTGTGGTCCCAGC  
TACTCAGGAGGCT**GAGGCAGGAGAATTGCTTGAACCCAGGAAGTGGAG** GAM2  
**GCTTCAGTGAGCTGAGAACACGCCACTGCACTCCAGTCCTGGGCAAC** 5  
AGAGCAAGACTCTGTCTCAGGAAAAAAAAG

FIG. 21B



MIR98

FIG. 21C



GAM25

FIG. 21D

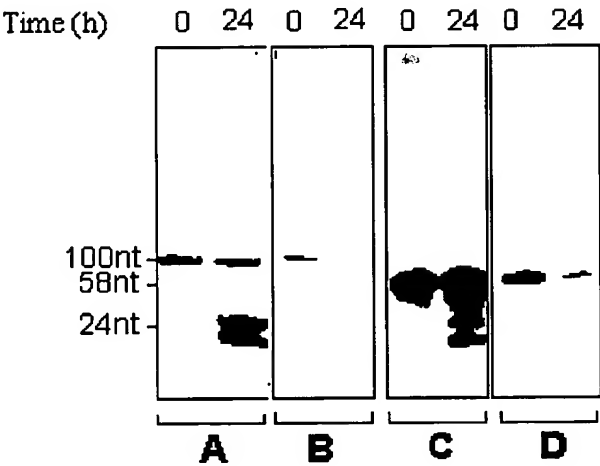
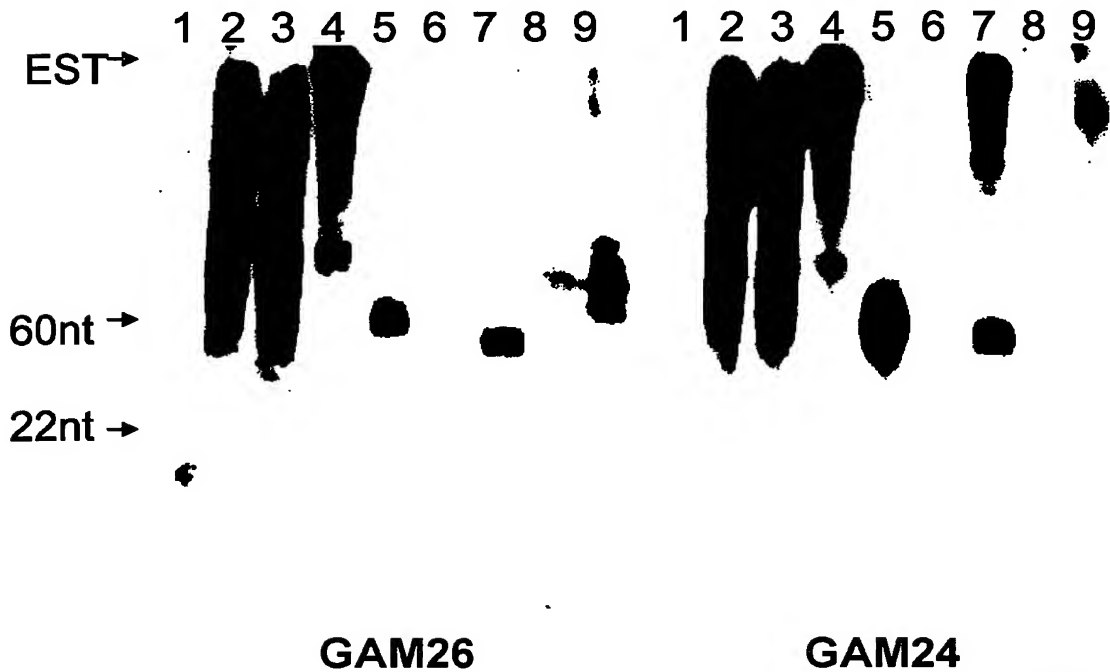


FIG. 22A

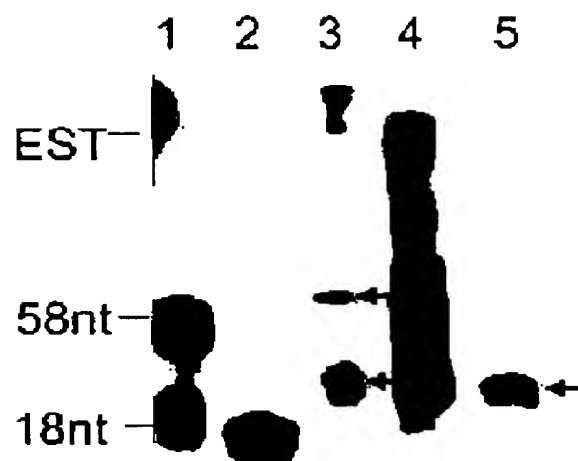
dbEST Id. 7929020 (Image4514344) sequence:

GCAAAAACCTGGAAGCATTCCCTTTGAAAACCTGGCACAAGACAGGGATGCCCTCTCTCAC  
 CGCTCCTATTCAACATAGTGTGGAAGTTCTGGCCAGGGCAATTAGGCAGGAGAAGGAA  
 ATAAAGGGTATTCAATTAGGAAAAGAGCAAGTCAAATTGTTCTGTTTGACAGATGACAT  
 GATTGTATATCTAGAAAACCCCATTTGTCTCAGCCCCAAATCTCCTTAAGCTGATAAGCA  
 ACTTCAGCAAAGTCTCAGGATACAAAATAAATGTACAAAATCACAAGCATTCTTACAC  
 ACCAACACAGAAAAACAGAGCCAAATCATGAGTGAACCTCCCATTCACAATTGCCTCAA  
 AGAGAATAAAATACCTAGGAATCCAACCTTACAAGGGATGTGAAGGACCTCTTCAAGGAG  
 AACTACAAACCACTGCTCAAGGAAATAAAAGAGGATACAAACAAATGGAAGAACATTCC  
 ATGCTCATGGGTAGGAAGAATCAATATTGTGAAAATGGCCATACTGCCCAAGGTAATTT  
 ACAGATTCAATGCCATCCCCATCAAGCTACCAATGACTTTCTTCACAGAATTGGAAAAA  
 ACTACTTTAAAGTTCATATGGAACCAAAAAAGAGCCCGCATCGCCAAGTCAATCCTAAG  
CCAAAAGAACAAGCTGGAGGCATCACACTACCTGACTTCAAACCTTACTACAAGGCTA **GAM**  
 CAGTAACCAAAACAGCATGGTACTGGTACCAAAACAGAGATATAGATCAATGGAACAGA **24**  
 ACAGAGCCCTCAGAAATAACGCCGAATACCTACAACCTATCTGATCTTTGACAAACCTGA  
 GAAAAACAAGCAATGGGGAAAGGATTCCCTATTTAATAAATGGTGCTGGGAAAACCTGAC  
 TAGCCATATGTAGAAAGCTGAAACTGGATCCCTTCCTTACACCTTATACAAAAATCAAT  
 TCAAGATGGATTAAAGATTTAAACGTTAGACCTAAAACCATAAAAACCCTAGAAGAAAA  
 CCTAGGCATTACCATTCAGGACATAGGCATGGGCAAGGACTTCATGTCCAAAACACCAA  
 AAGCAATGGCAACAAAAGACAAAATTGACAAATGGGATCTAATTAAACTAAAGAGCTTC  
 TGCACAGCAAAAGAACTACCATTCAGAGTGAACAGGCAACCTACAAAATGGGAGAAAAT **GAM**  
TTTCGCAACCTACTCATCTGACAAAGGGCTAATATCCAGAATCTACAATGAACCTCAAAC **26**  
 AAATTTACAAAAA

FIG. 22B



**FIG. 22C**



**GAM26**

**FIG. 23A**

*dbEST Id.1388749 (Image1020185) Sequence:*

ACTCCTATCAACAGTGTAAAAGCATTCCCTGTTTCTCCATAAATCTTGCCAGCATCTTTT  
CATTTTTTTGAATTATAGCCATTCTGACTGTTGTGAGATGGTGTCTCATTGTGGTTTT  
GATTTGCATTTCTCAGATGATCAGTGATGTTGAAGTTTTTTTGTGTTGGCTGCATG  
TATGCCTTCTTTTGAAGAGTGTCTGTTGTGTCTTTGACCACTTTCTAATGGGGTTG  
AGTTTTTTTTTCTTGTAATTTGTTTAAGTTCCTTGTAGATGCTGGATATTAGACCTT  
TGTCAGATGGATAGAGTGCAAAAATTTCTCCCATCTCTGTAGGTTGTGCGGTTTACTCT  
GTTGATAGGTTCTTAATGCTGTGCAGAAGCTCTTTAGTTTAAATTAGATCCCATTTGTC  
AATTTTGGCTTTTGTGCAATTGCTTTTGGCATCTTCGTCATGAAATCTTTGCCCTTG  
CCTGTGTCCTGAATGGCATTGCCCTAGGTTTTCTTCCAGGATTTTATAGTTTTGGGT  
GTAGATTTAAGTCTTTAATCCATCTTGAGTTAACTTTTGTATATGGGTAAAGGAAGGG  
GCCCCGTTTCAATTGCTGCAATGGCTAGCCAGTTCTCCAGCACCATTTATTAAATA  
GGGAATCTTTTCCCATTTGCTTCCTTTTGTGAGGTTTGTCAAAGATCACATGGTTGTA  
GGTGTGTGGTCTTATTTCTGGGTTCTCTATTCTGTTCCATTGGGCTATGGGCCGGTTC  
TGTACCACCACTATGCTGTTTTGGGTACCATAGTCTTGTAGAATGTTTGAAGCTGGGT  
AGCATGATGCCTCTAGCTTTGCTCTTCTTGCTAAGAAATGTCTTGGCTATTGCGGCTC  
TTTTTTGGTTCCATATGAATTTTAAATAGTCTTTTCTAGGTCTGTAAAGAATGTGAA  
TAGTAGTTTAAATGGGCCTAGCATTTAATTTACAGATTGCCTTGGGCAGTGTGGTCATT  
TTCACGATATTGATCCTTCCCTGTCTGTGAGCATATGTTTTTCCATTGTGTTGTGTCAT  
CTCTGATTTCTTTGAATAATGGTTTATAGTTATCCTTGAAAAGGTCCTTCACTTTTCT  
TGTTAGCTGTATTCCTAGATATTATACTCTTCTTGTGGCAATTGTGAATGGGAGTTAA  
TTCATGAGTTTTTCTCTCGGCTTGCCTGTTGTTGGTGTATAGGAATGCTAGTGACTTTT  
GCACATTGATTTTGTATCCTGAGACTTTGTTGAAGTTGCTTATCAGCTAAGAAGTTTT  
TGAGCTGAGATGATGGAGTTTCTAGATATAGGATCATATCATCTGCAAACAAAGATA  
GTTTGACTTCCTGTCTTCCTATTTGAATAGCTTTTCTTTCTTTCTCTTGCCTGATTGC  
CTTGGTGAGAATTTCTAATACTGTGTTGAATAGGAGTGGTGAGCTCGTGCCAA

**GAM  
27**

**FIG. 23B**

1 2 3 4 5 6 7



←EST

←130nt

←22nt

**GAM27**

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